

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096018.D
 Acq On : 19 Jun 2017 21:40
 Operator : SJ/MA
 Sample : I3745-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

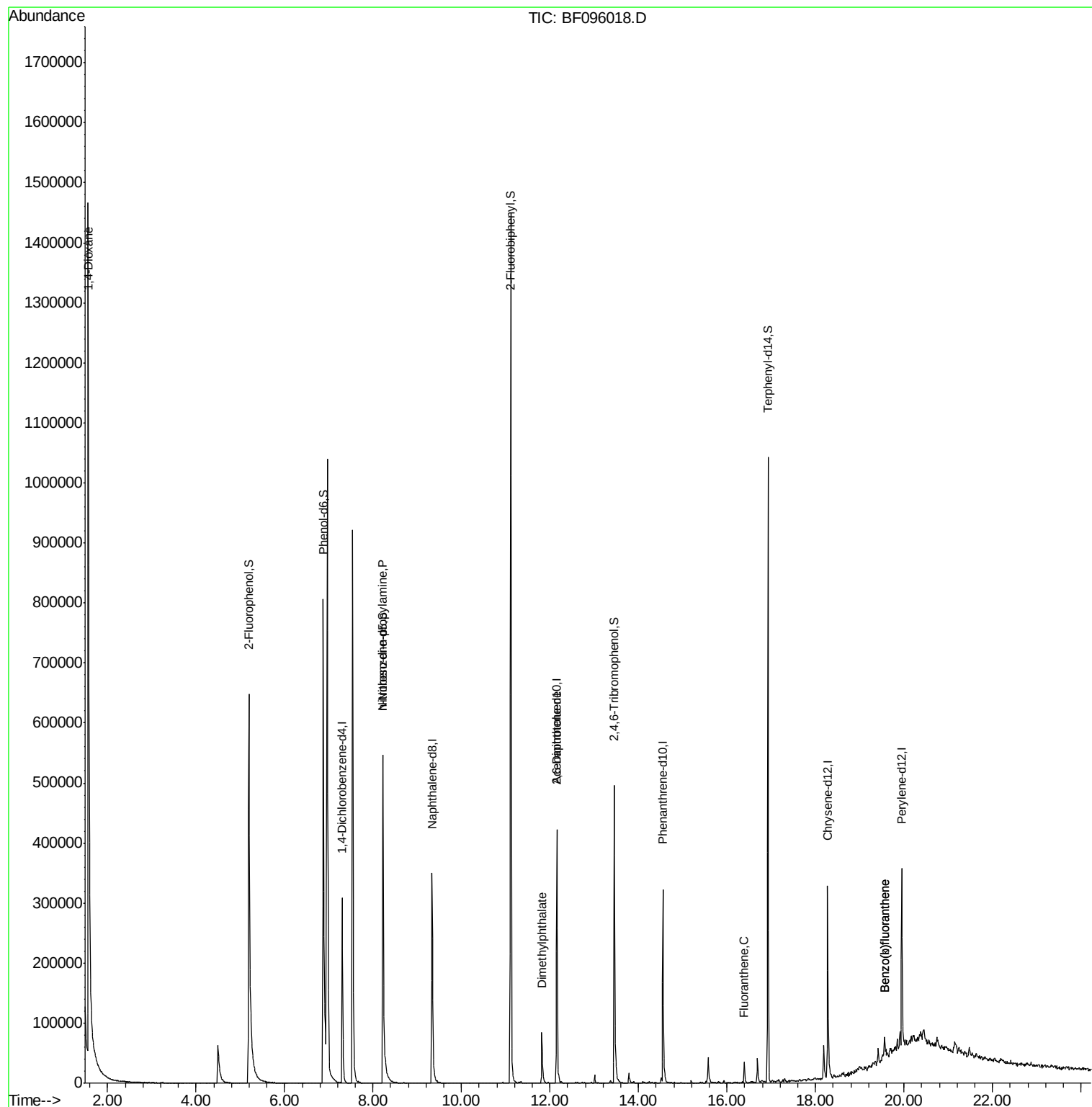
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	76277	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	307139	20.00	ng	-0.02
38) Acenaphthene-d10	12.15	164	127216	20.00	ng	-0.03
63) Phenanthrene-d10	14.55	188	200790	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	151359	20.00	ng	-0.02
86) Perylene-d12	19.94	264	138843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	487681	101.88	ng	-0.02
7) Phenol-d6	6.87	99	590181	102.99	ng	-0.04
23) Nitrobenzene-d5	8.22	82	340933	68.94	ng	-0.03
41) 2,4,6-Tribromophenol	13.45	330	100108	88.94	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	657988	71.98	ng	-0.02
78) Terphenyl-d14	16.93	244	403867	66.22	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	70955	31.16	ng	# 21
19) n-Nitroso-di-n-propylamine	8.23	70	40892	11.26	ng	# 76
49) Dimethylphthalate	11.82	163	72071	7.46	ng	# 95
50) 2,6-Dinitrotoluene	12.16	165	15635	7.42	ng	# 31
74) Fluoranthene	16.39	202	23453	2.05	ng	# 95
87) Benzo(b)fluoranthene	19.56	252	21491	2.47	ng	# 92
88) Benzo(k)fluoranthene	19.56	252	21491	2.59	ng	# 96

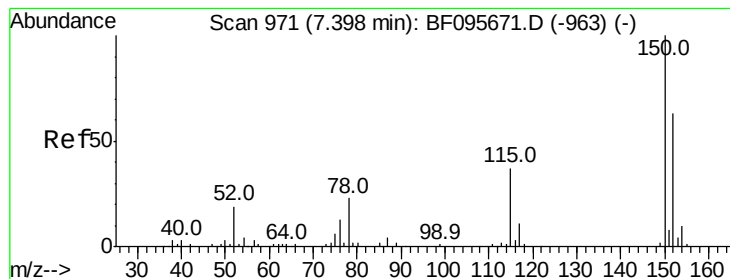
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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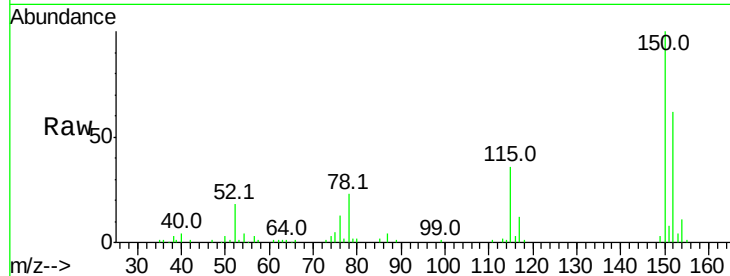


#1

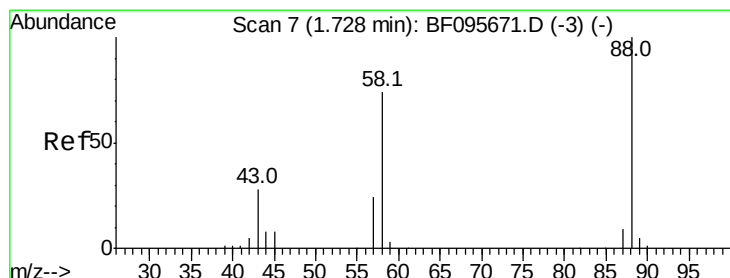
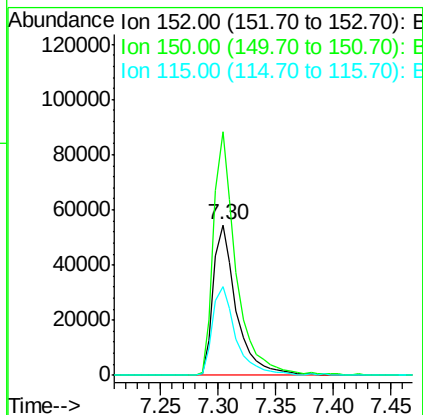
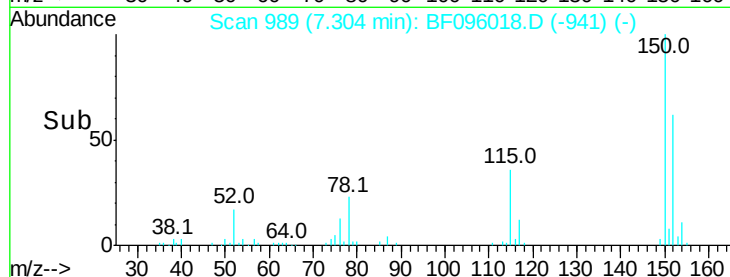
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 76277
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 59.1 52.2 78.2



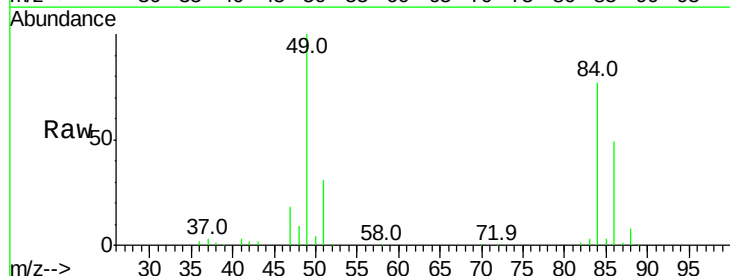
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



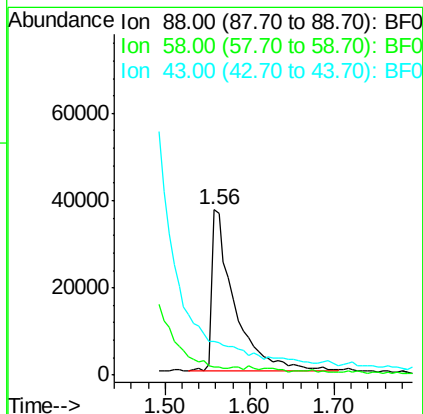
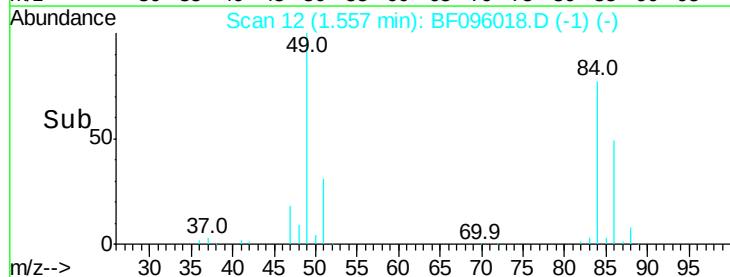
#2

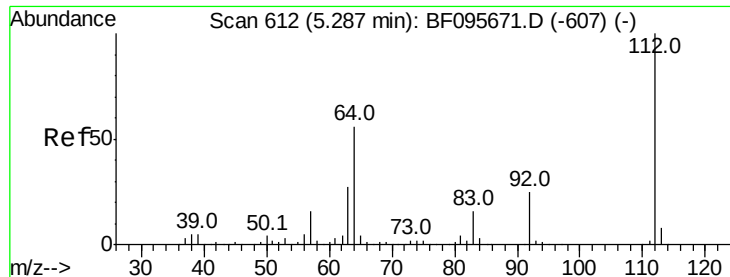
1,4-Dioxane
Concen: 31.16 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.08 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

Tgt Ion: 88 Resp: 70955
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

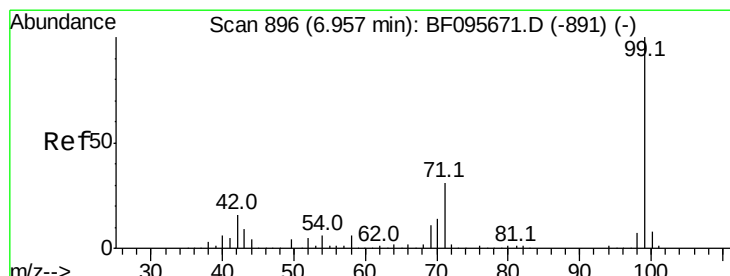
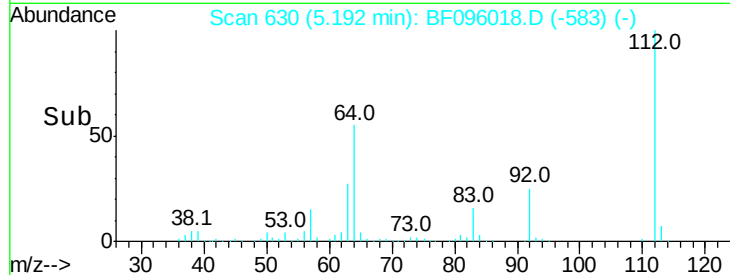
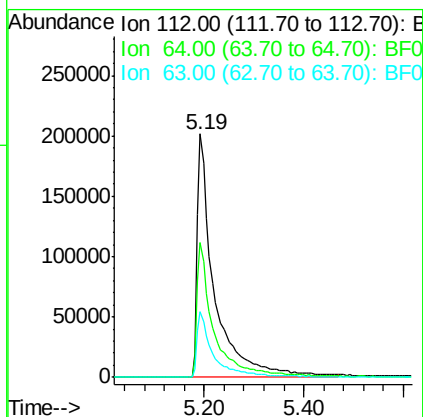
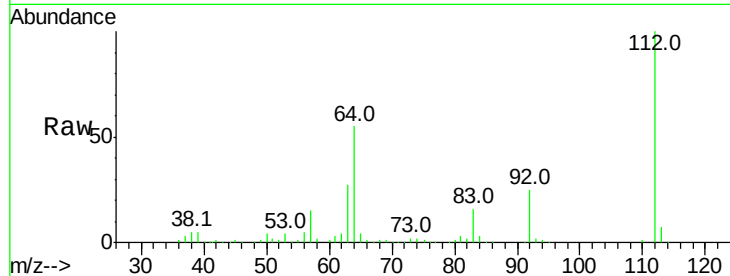




#5
 2-Fluorophenol
 Concen: 101.88 ng
 RT: 5.19 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF096018.D
 Acq: 19 Jun 2017 21:40

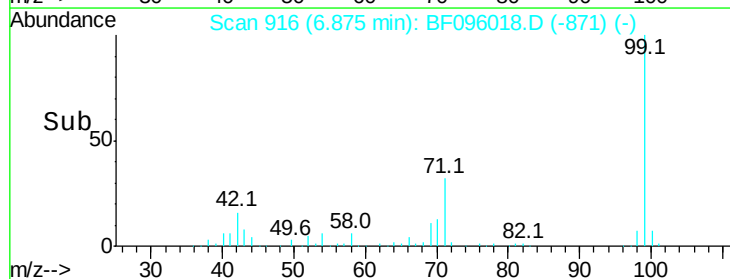
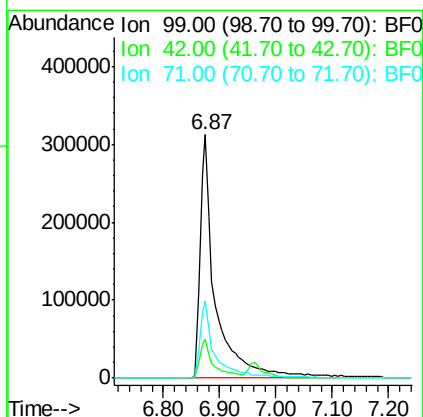
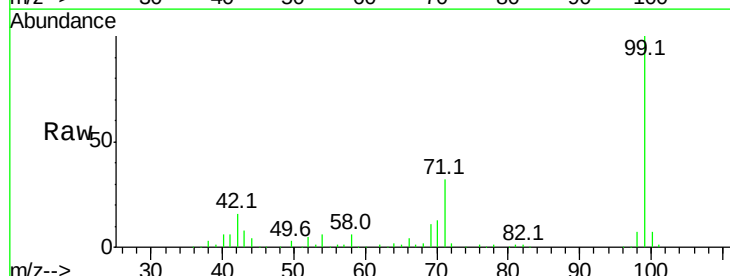
Instrument :
 BNA_F
 ClientSampled :

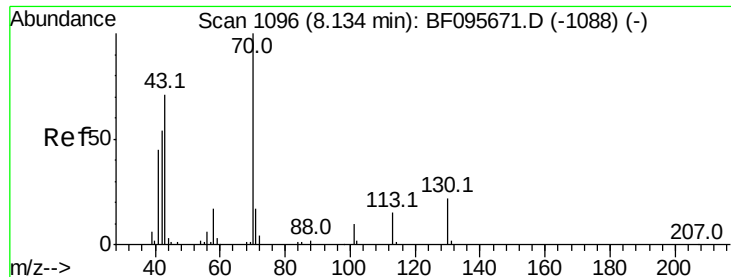
Tot Ion:	112	Resp:	487681
Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.0	23.4	35.0



#7
 Phenol-d6
 Concen: 102.99 ng
 RT: 6.87 min Scan# 916
 Delta R.T. -0.04 min
 Lab File: BF096018.D
 Acq: 19 Jun 2017 21:40

Tgt Ion:	99	Resp:	590181
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.5	24.5	36.7

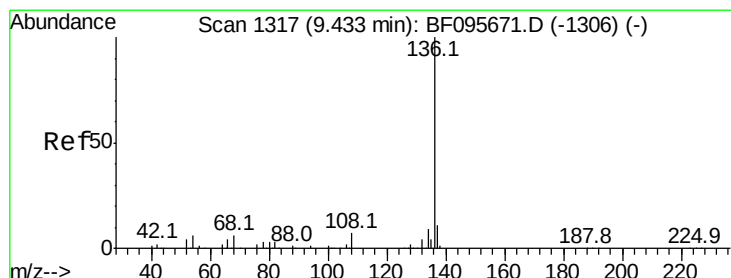
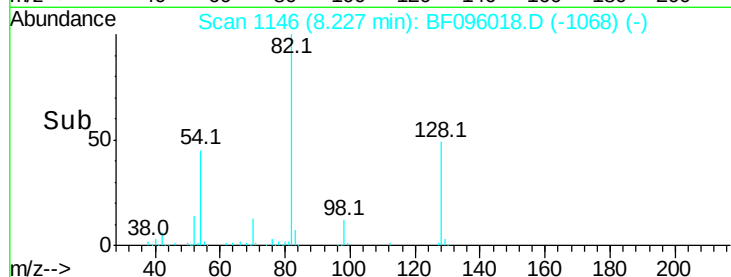
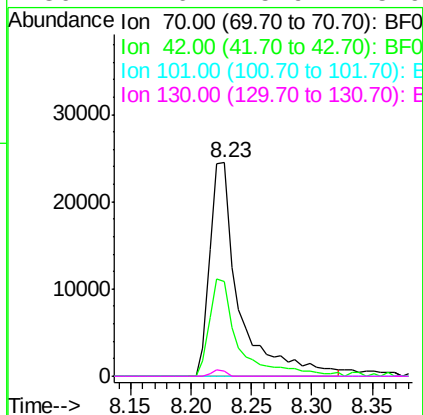
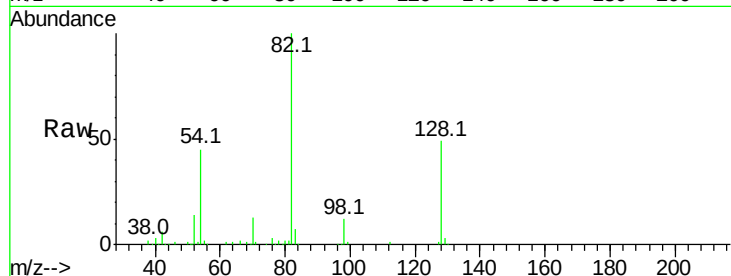




#19
n-Nitroso-di-n-propylamine
Concen: 11.26 ng
RT: 8.23 min Scan# 1146
Delta R.T. 0.16 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

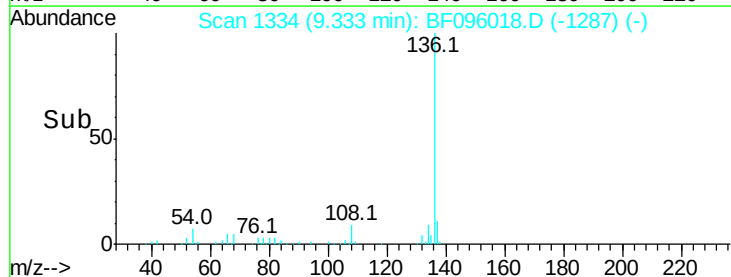
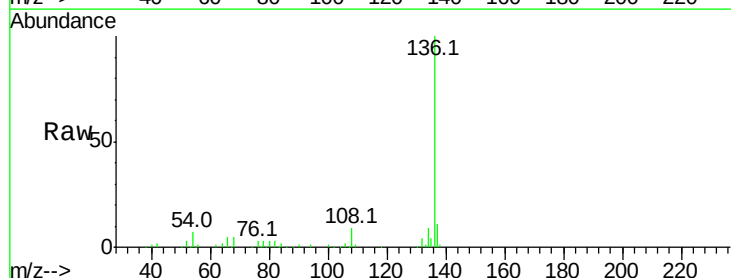
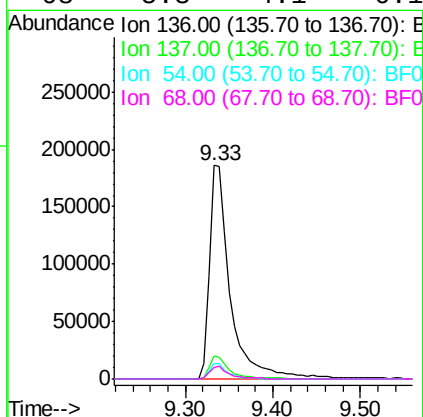
Instrument :
BNA_F
ClientSampleId :

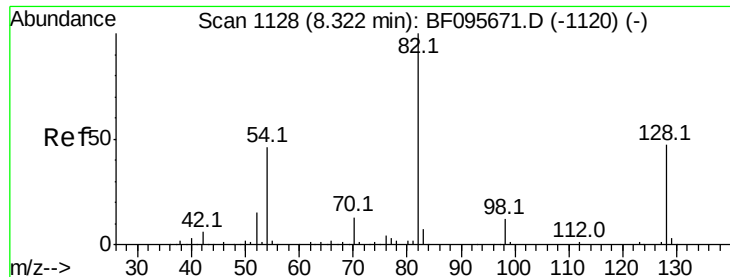
Tot Ion: 70 Resp: 40892
Ion Ratio Lower Upper
70 100
42 44.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

Tgt Ion: 136 Resp: 307139
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.0 4.9 7.3
68 5.3 4.1 6.1

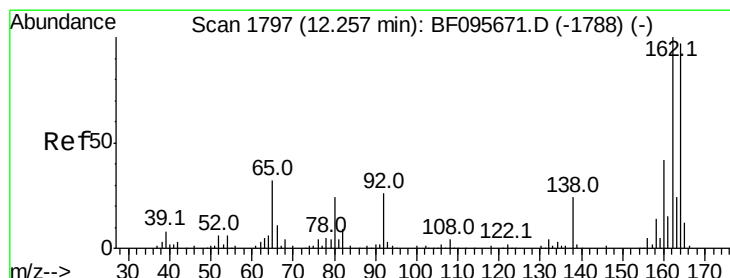
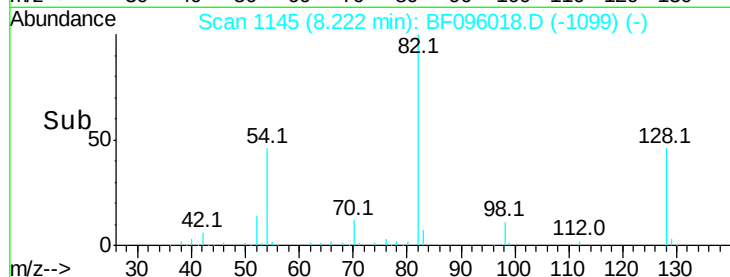
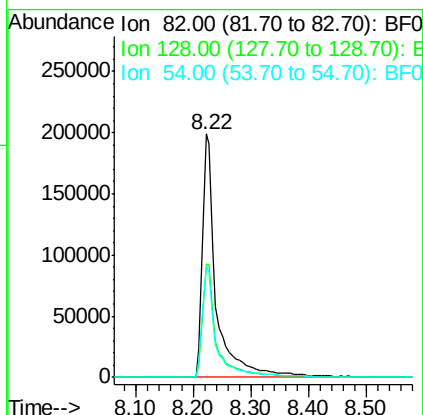
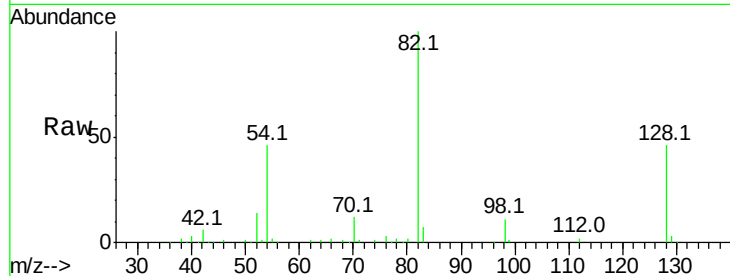




#23
 Nitrobenzene-d5
 Concen: 68.94 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF096018.D
 Acq: 19 Jun 2017 21:40

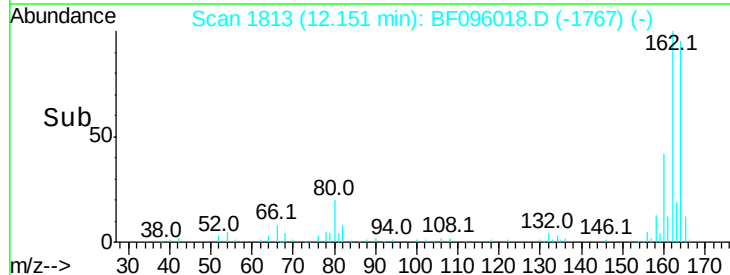
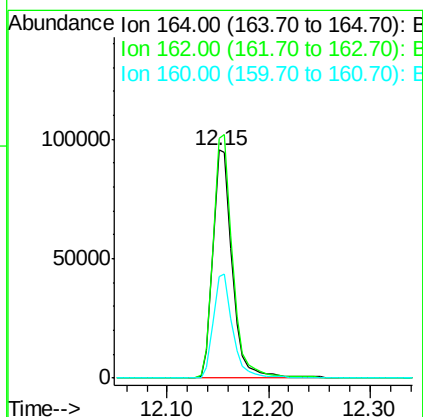
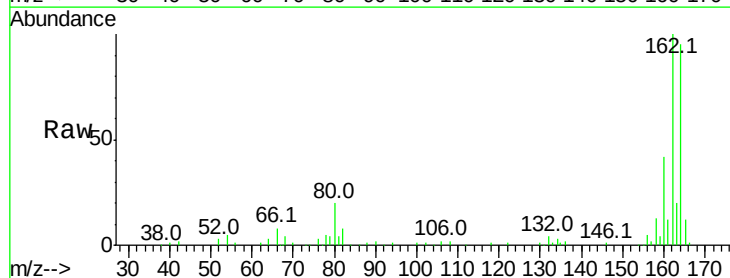
Instrument :
 BNA_F
 ClientSampled :

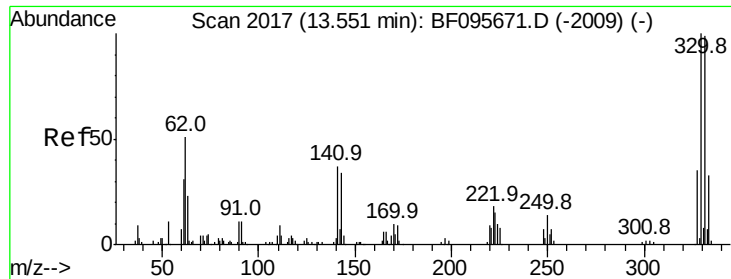
Tot Ion: 82 Resp: 340933
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 45.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.15 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BF096018.D
 Acq: 19 Jun 2017 21:40

Tgt Ion:164 Resp: 127216
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 44.4 36.2 54.2

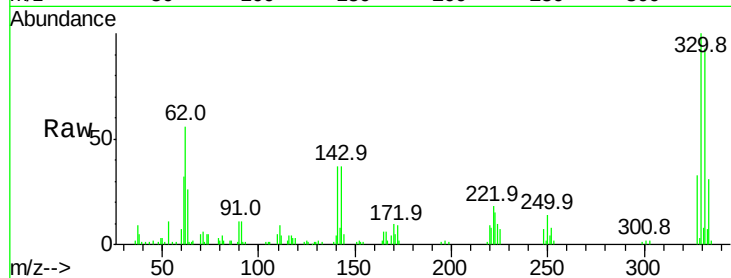




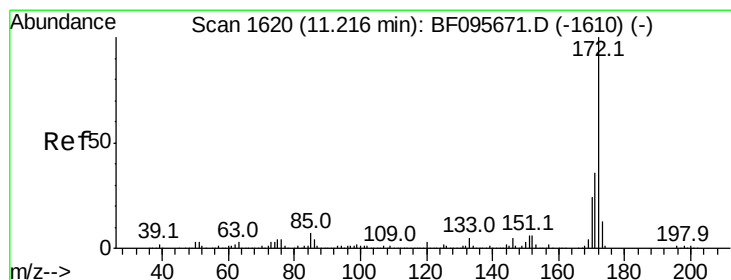
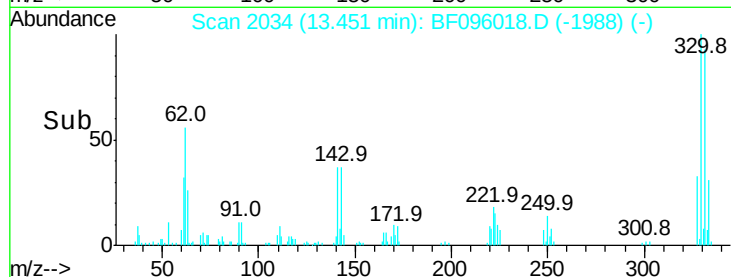
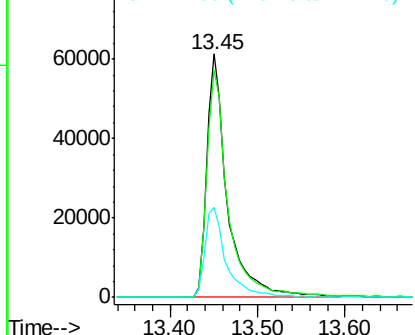
#41
 2,4,6-Tribromophenol
 Concen: 88.94 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BF096018.D
 Acq: 19 Jun 2017 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 100108
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 38.5 31.4 47.2

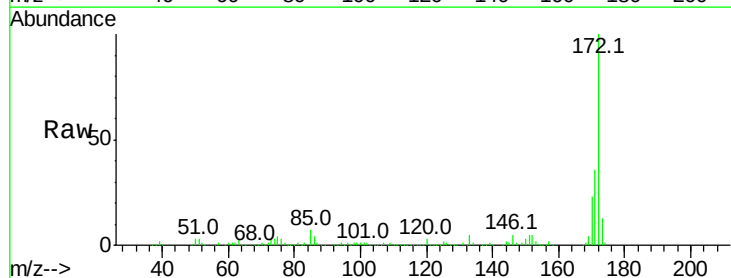


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

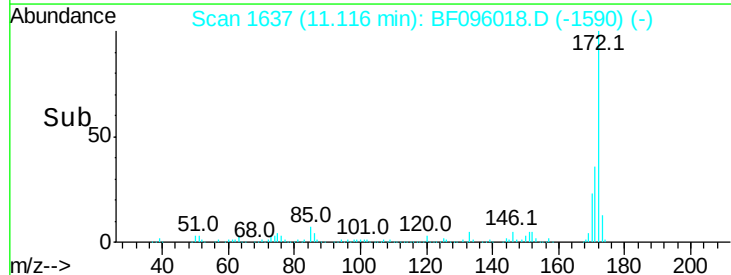
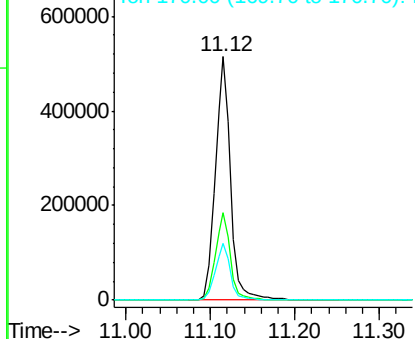


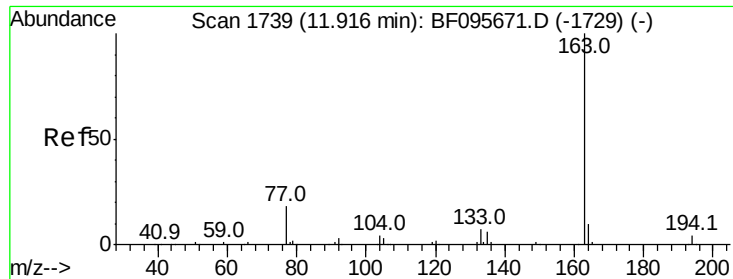
#44
 2-Fluorobiphenyl
 Concen: 71.98 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096018.D
 Acq: 19 Jun 2017 21:40

Tgt Ion:172 Resp: 657988
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.2 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.46 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096018.D

Acq: 19 Jun 2017 21:40

Instrument :

BNA_F

ClientSampled :

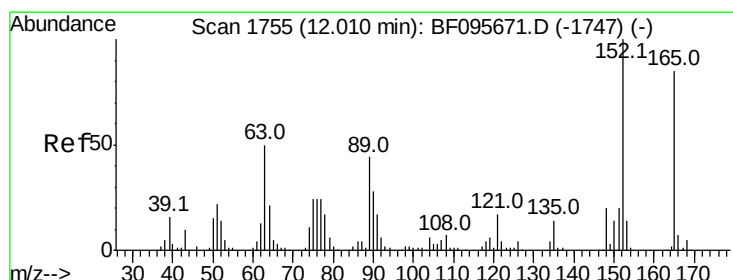
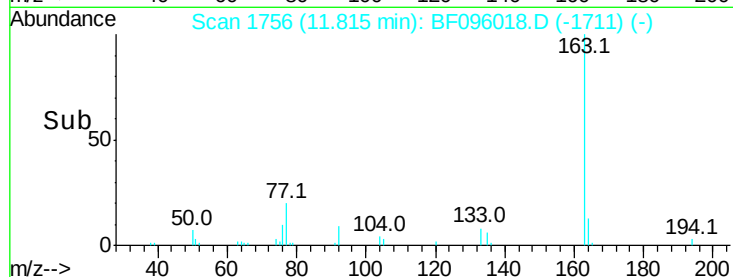
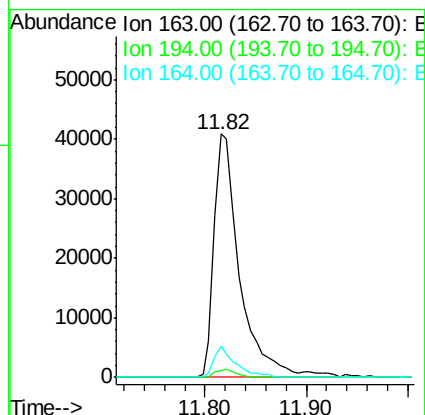
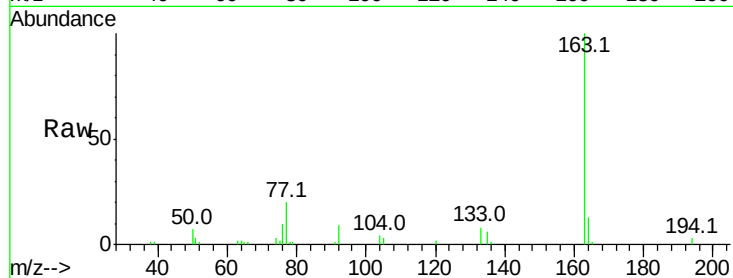
Tot Ion:163 Resp: 72071

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

164 13.0 8.4 12.6#



#50

2,6-Dinitrotoluene

Concen: 7.42 ng

RT: 12.16 min Scan# 1814

Delta R.T. 0.21 min

Lab File: BF096018.D

Acq: 19 Jun 2017 21:40

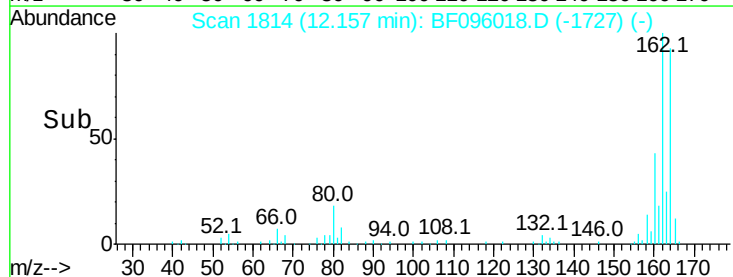
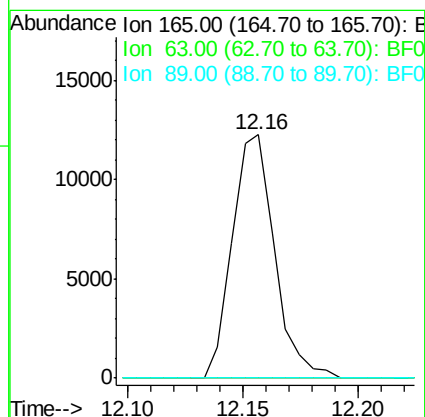
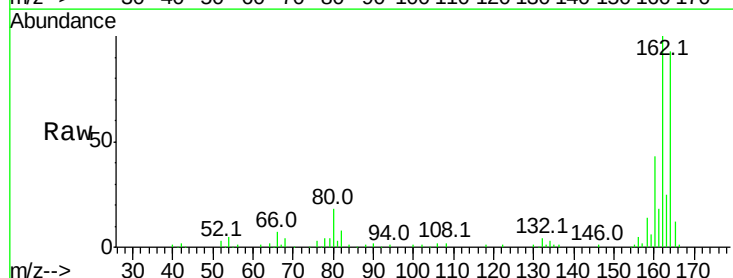
Tgt Ion:165 Resp: 15635

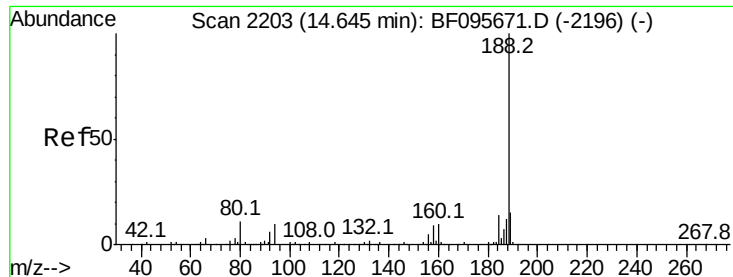
Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

89 0.0 37.1 55.7#

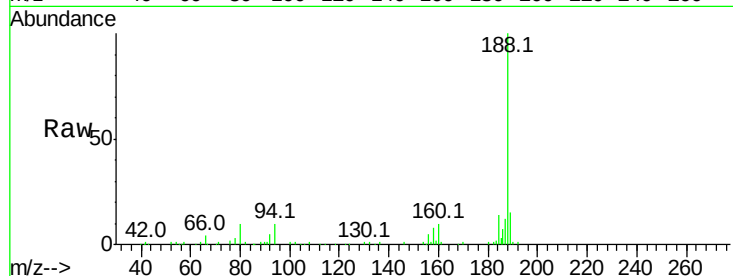




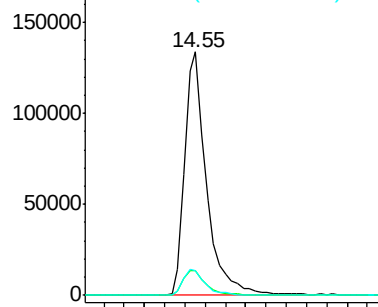
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

Instrument :
BNA_F
ClientSampleId :

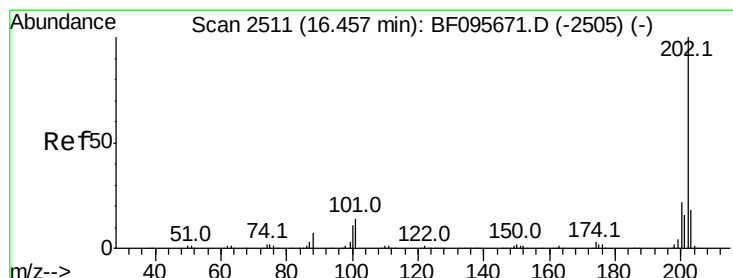
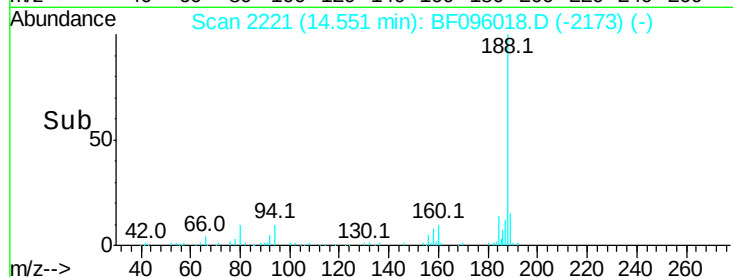
Tot Ion:188 Resp: 200790
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

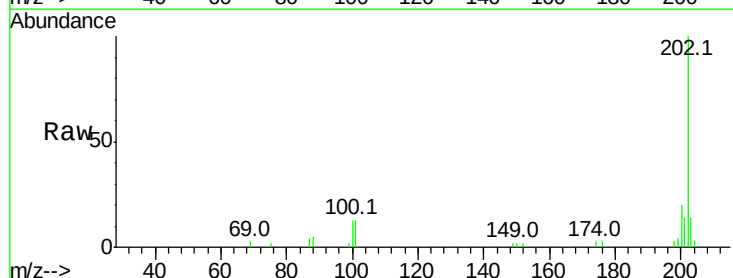


Time-->

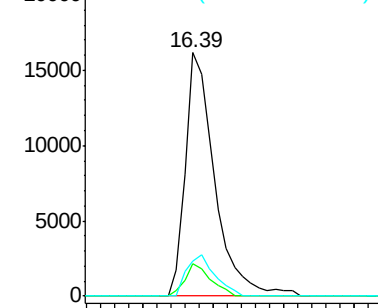


#74
Fluoranthene
Concen: 2.05 ng
RT: 16.39 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

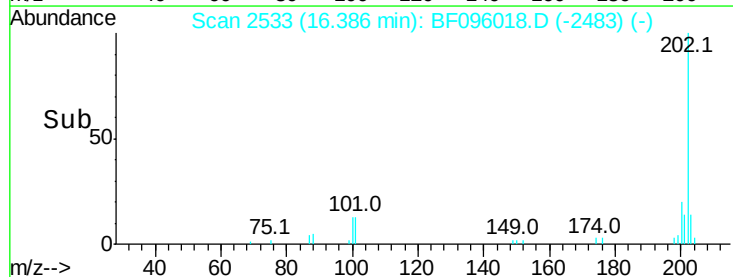
Tgt Ion:202 Resp: 23453
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 14.4 0.0 38.1

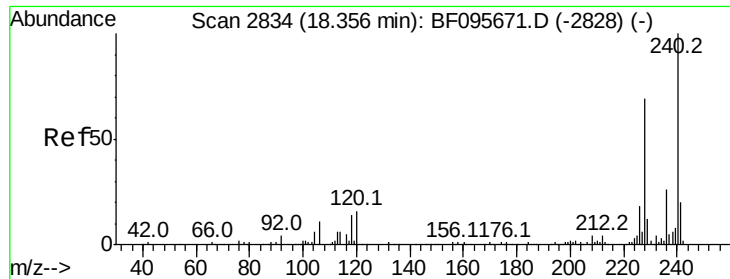


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.28 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BF096018.D

Acq: 19 Jun 2017 21:40

Instrument :

BNA_F

ClientSampled :

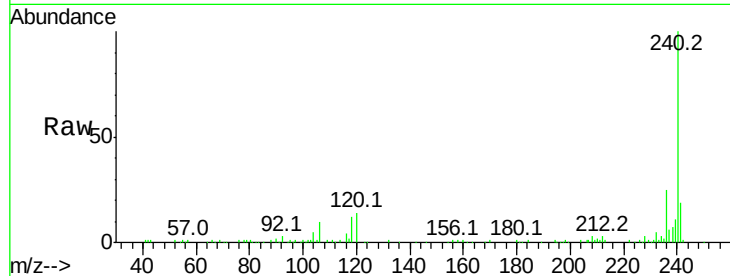
Tot Ion:240 Resp: 151359

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

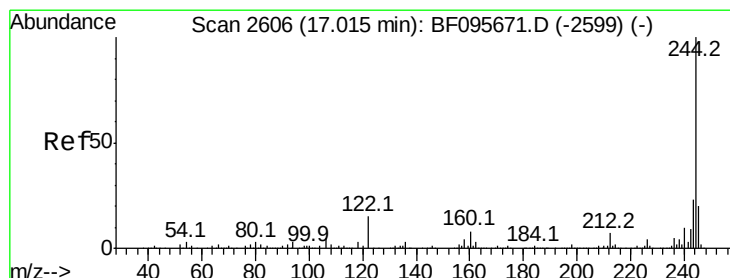
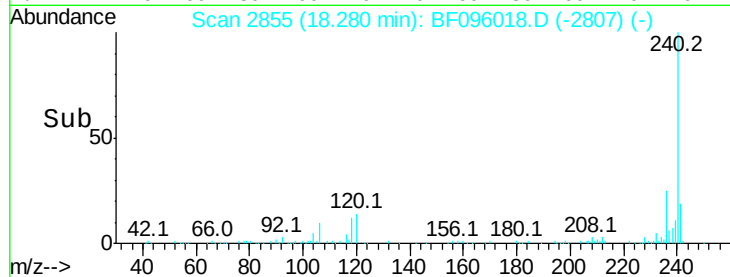
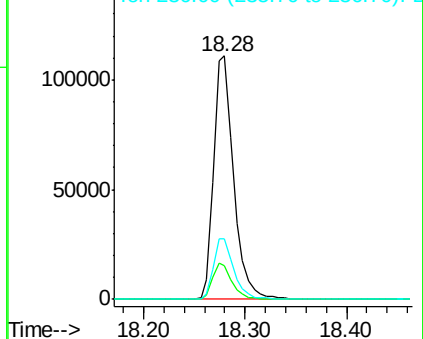
236 24.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 66.22 ng

RT: 16.93 min Scan# 2625

Delta R.T. -0.02 min

Lab File: BF096018.D

Acq: 19 Jun 2017 21:40

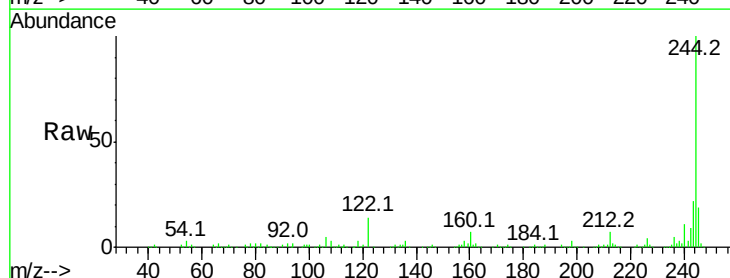
Tgt Ion:244 Resp: 403867

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

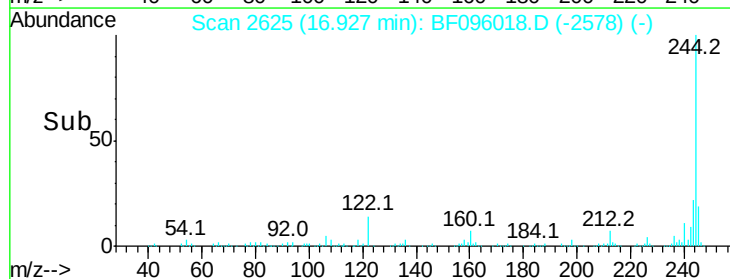
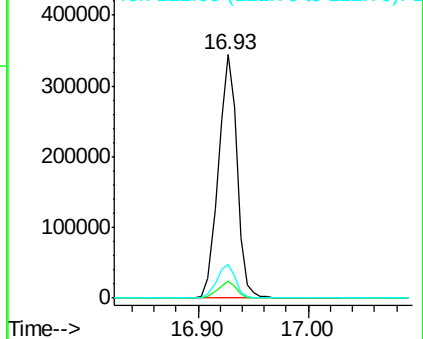
122 14.0 10.3 15.5

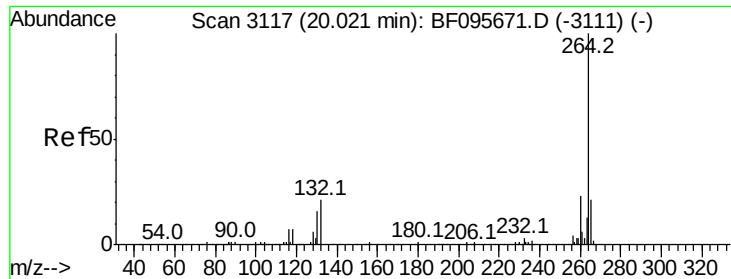


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

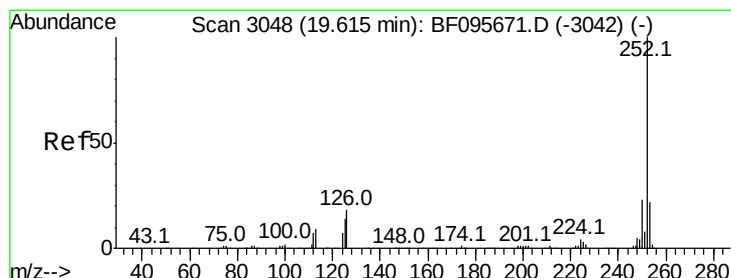
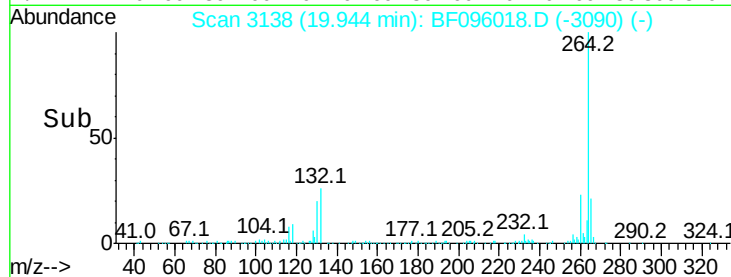
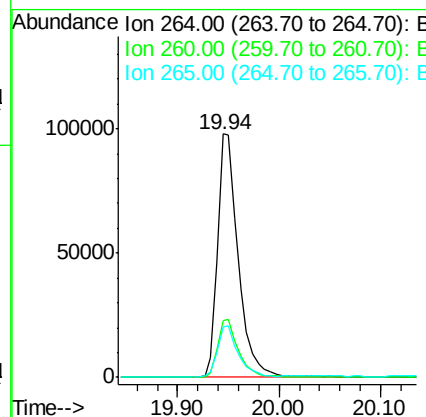
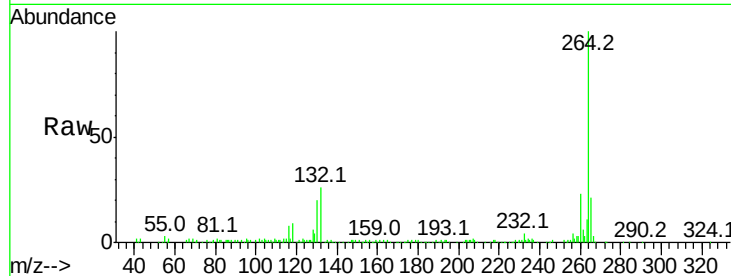




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

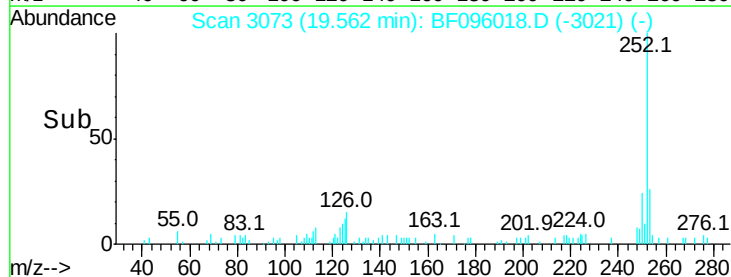
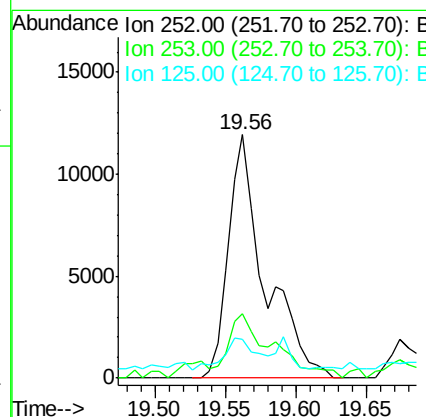
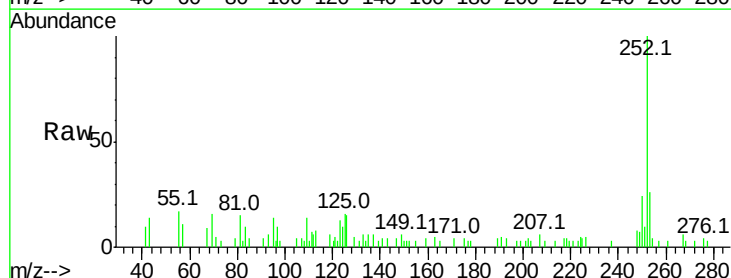
Instrument :
BNA_F
ClientSampled :

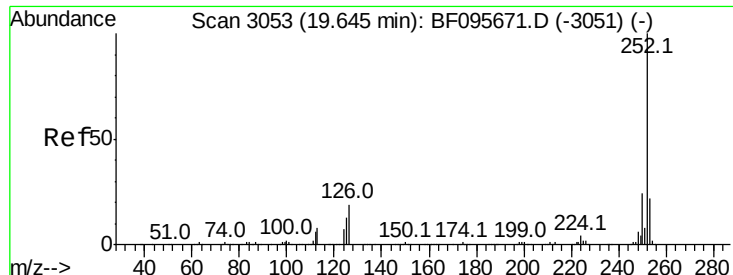
Tot Ion:264 Resp: 138843
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 20.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.47 ng
RT: 19.56 min Scan# 3073
Delta R.T. 0.01 min
Lab File: BF096018.D
Acq: 19 Jun 2017 21:40

Tgt Ion:252 Resp: 21491
Ion Ratio Lower Upper
252 100
253 26.4 18.1 27.1
125 16.1 9.8 14.8#

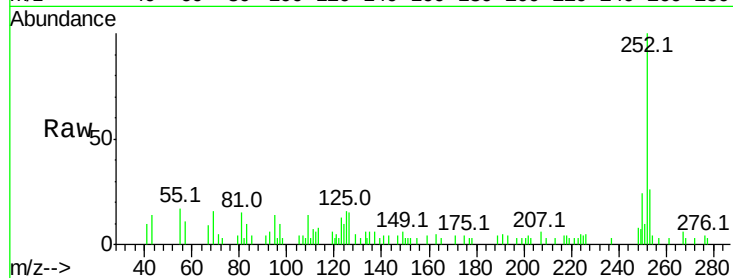




#88
 Benzo(k)fluoranthene
 Concen: 2.59 ng
 RT: 19.56 min Scan# 3073
 Delta R.T. -0.03 min
 Lab File: BF096018.D
 Acq: 19 Jun 2017 21:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.4	27.6
125	16.1	13.1	19.7



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

